

Choosing Your School's Next
Classroom Display Technology:

5 Important Questions to Ask



In today's digital-first world, technology is no longer a nice-to-have teaching tool. Instead, it's at the heart of transformative learning experiences, those that truly engage and inspire students. If teachers are to succeed in this culture, they need the right displays—with the right features and capabilities—to fire their students' imaginations.

Most students are visual learners. In fact, at least 75% of the information our brains process comes from visual input.¹ What's highly visible is what will attract and hold students' attention, so choosing the right classroom display is essential if educators are to build exceptional learning environments.

This can be tricky. IT and EdTech leaders must sort through multiple vendors' competing claims about their products' benefits. They also need to let go of preconceived notions based on the capabilities of yesterday's technologies. It's often hard to figure out which displays will end up being the most versatile, cost-effective and flexible over the long haul—and which ones will best support teachers.

To make it easier to choose a classroom display technology, we've put together this brief guide.

Here are five key things that decision-makers should consider when deciding between flatscreen displays and modern laser projectors. →

How easily will students be able to see the displayed content?

When students see better, they learn better. Image size, quality and brightness can all have a direct and immediate impact on students' ability to take in and remember new material.

The formula is simple: larger images add up to better learning.

In this arena, laser projectors stand head-and-shoulders above flat panel displays. Most flat panel displays are no larger than 75 inches, but a laser projector can create an image up to 160 inches—that's more than four times bigger.

Not only do larger images make it easier to see what's being shared, but laser projectors offer additional features that make class-wide collaboration easy and exciting. Simple 1:1 image sharing with student devices further enhances the visibility of projected content. So does the fact that teachers can present up to four different content pieces at the same time. Because the display is large, splitting the display—even four ways—doesn't make the images too small to see.



Will the display help educators make the most of their classroom space?

Teachers are experts at making the most of limited space and resources—they know how to transform classrooms into highly engaging learning environments that evolve along with the needs of their students.

With flat panel displays, clunky monitors take up valuable wall or whiteboard space—key real estate in the classroom—even when they're not in use. In contrast, laser projectors can turn just about any flat surface into a learning tool.

This way, **teachers don't have to sacrifice even a single inch of their wall space.**

Instead, they can make the most of it for posters, student art, or other learning materials.

When laser projectors are switched on, the display is clear and bright. When they're off, they're neatly out of sight, making it possible to facilitate larger-than-life learning experiences even in small spaces.



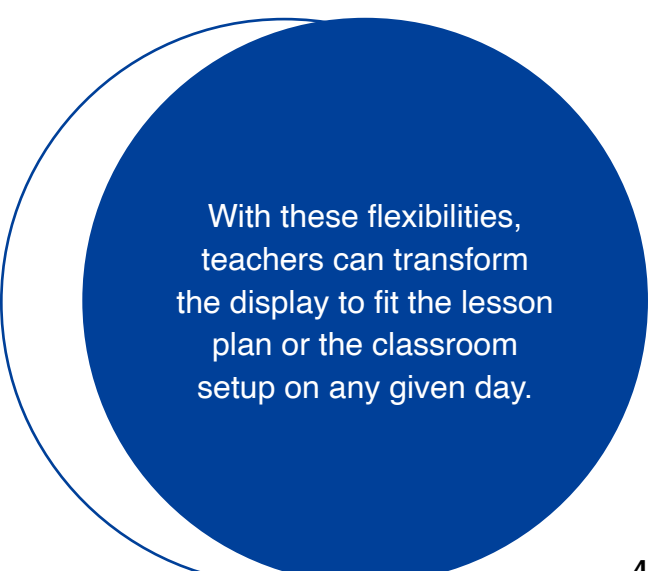
How flexible is this display — can you change how and where you use it so that teachers can meet students' needs today and tomorrow?

Laser projectors offer far more options—and more variety—when it comes to presenting content. Unlike flat panels, which only offer a fixed aspect ratio, laser projectors' aspect ratios can be adjusted to meet educators' goals. Because aspect ratios are flexible, with options ranging from 16:9 to 21:9, teachers can think outside the box when it comes to displayed image size. Laser projectors can also display multiple content pieces at the same time. With these flexibilities, teachers can transform the display to fit the lesson plan or the classroom setup on any given day.

Having the flexibility to make changes as necessary is crucial in today's modern classrooms—for both teachers and IT. Flat panel displays tend to be bulky and tough to budge. Weighing over 100 pounds² on average, they're often stuck in one place. Laser projectors, on the other hand, can make

mobility easy because they weigh just 15 to 30 pounds.³

This makes laser projectors the go-almost-anywhere, move-anytime, see-everything solution for today's connected classrooms. Want to try a flipped classroom setup? Move the display so that students can work in small groups? With a modern laser projector, it's no problem at all.



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Does this technology fit your current budget and long-term needs?

It's just as important to find a display technology that suits your budget as it is to find one that's right for the available space in the classroom. **When you invest in technology that will last and adapt, you will find that you get more out of your budget over time.**

If you choose an Epson laser projector, you'll gain access to Brighter Futures pricing, a three-year limited warranty and available extended

service plans that provide for up to a total of five years of continuous coverage. With this plan, you can be confident that Epson will support you for the life of your projector, and you can rest easy, knowing that you'll get the most out of your purchase, year after year.

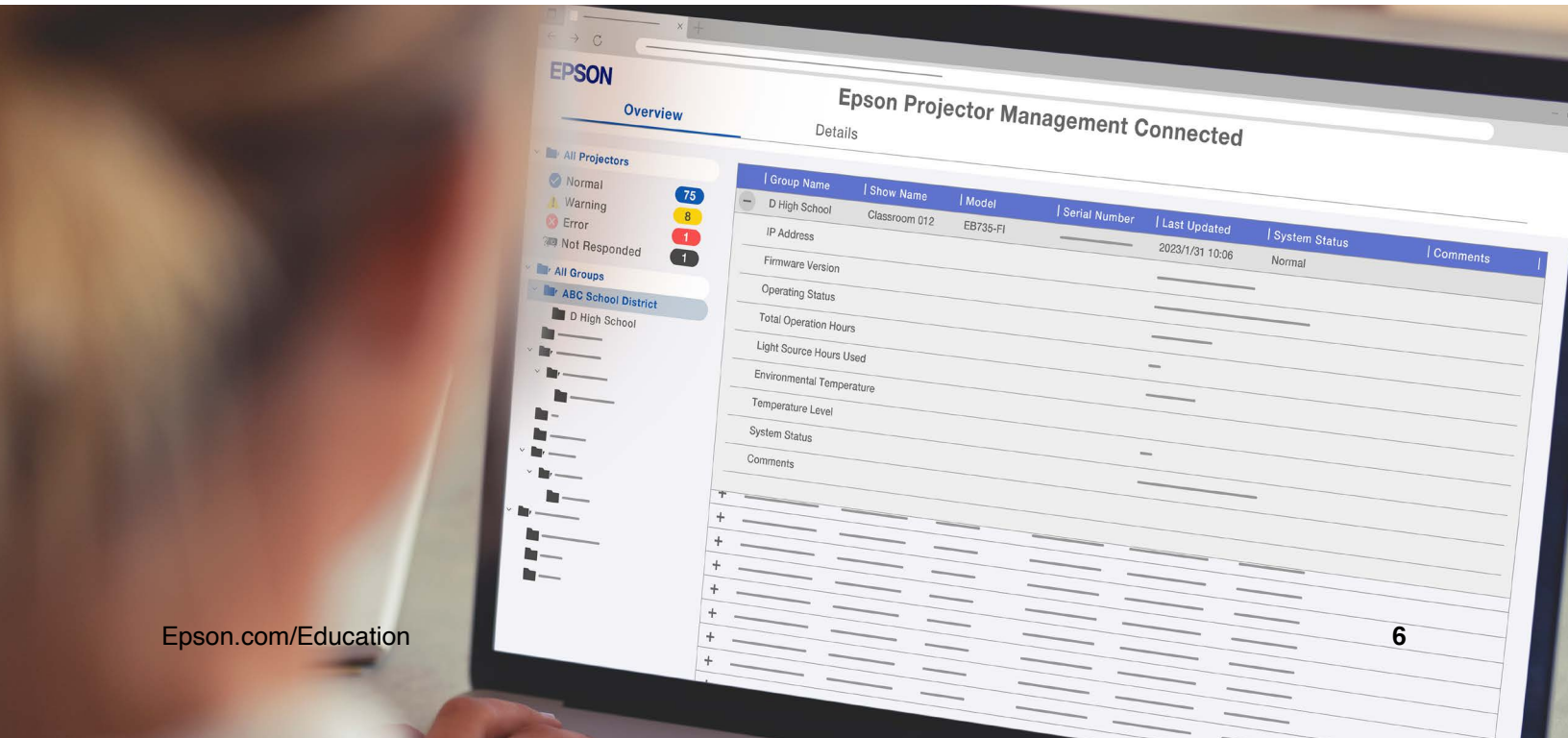


How much work will it take to set up and maintain this display?

With so many edtech tools and technologies to think about, you need displays that can fit right in. **Today’s laser projectors are simple and seamless to integrate with your existing classroom tech stack.** Epson laser projectors come with a suite of free software tools for easy control and monitoring. And they’re operating system-agnostic, which means they work with whatever devices and other peripherals you’ve already invested in. Even if you decide to switch operating systems, you won’t have to change your display technology.

Best of all, the industry’s most advanced laser technology gives you a virtually maintenance-free light source for up to 30,000 hours,⁴ with instant on/off functionality and no need to buy or replace bulbs — ever.

All of this means that laser projectors can support teachers’ lesson plans with hours upon hours of continuous, crystal-clear projection, with no maintenance hassles.



Why Epson?

The world of education is changing rapidly — and with it, there are new demands on educators, administrators, and IT professionals. Technology has become an integral part of the learning experience and classroom displays, in addition to presenting images and videos for lectures and lessons, must also be interactive, scalable, simple to use and, in some cases, easily portable.

Epson laser projectors deliver on all counts. As the world's best-selling brand of projection technology, Epson displays offer unparalleled

experiences that are the result of 40 years of developing groundbreaking educational tools. They're engineered for reliability, and they come with free software that makes it possible to manage a full fleet of projectors across your school or district network.

Today's displays from Epson are specifically designed to boost student engagement and support meaningful learning that lasts.

There's a better way to display. Visit Epson.com/Education





1 “The Role of Visual Learning in Improving Students’ High-Order Thinking Skills.” Journal of Education and Practice, Vol. 7, No. 24, 2016. URL. Accessed 22 September, 2023.

2 Compared to top-selling 75” 4K interactive flat panels

3 Compared to Epson projectors under 7,000 lumens

4 No required maintenance for the light source for up to 30,000 hours in eco mode. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04–0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period.

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